

# SEQUENCE LISTING

<110> Pennica, Diane  
Smith, Victoria  
Wood, William I.

<120> Novel STRA6 Polypeptides

<130> GENENT.2827A2

<150> 68,197089

<151> 2000-04-14

<150> 68,175849

<151> 2000-01-13

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<151> 2000-08-29

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<212> DNA

<213> Homo Sapiens

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<222> (49)...(2052)

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Met Trp Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg  
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Tyr Gly Ser Trp Tyr Ile Asp Glu Pro Gln Gly Gly Glu Glu Leu Gln  
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35 40 45 50 55 60 65 70 75 80 85 90

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Arg Ala Val Pro Ala Ala Val Phe Met Val Leu Leu Ser Ser Leu Cys	
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Leu Leu Leu Pro Asp Glu Asp Ala Leu Pro Phe Leu Thr Leu Ala Ser	
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Ala Pro Ser Gln Asp Gly Lys Thr Glu Ala Pro Arg Gly Ala Trp Lys	
135 140 145	
ata ctg gga ctg ttc tat tat gct gcc ctc tac tac cct ctg gct gcc	537
Ile Leu Gly Leu Phe Tyr Tyr Ala Ala Leu Tyr Tyr Pro Leu Ala Ala	
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Cys Ala Thr Ala Gly His Thr Ala Ala His Leu Leu Gly Ser Thr Leu	
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Ser Trp Ala His Leu Gly Val Gln Val Trp Gln Arg Ala Glu Cys Pro	
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Gln Val Pro Lys Ile Tyr Lys Tyr Tyr Ser Leu Leu Ala Ser Leu Pro	
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Leu Leu Leu Gly Leu Gly Phe Leu Ser Leu Trp Tyr Pro Val Gln Leu	
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Val Arg Ser Ser Ser Arg Arg Thr Gly Ala Gly Ser Lys Gly Ser Ala	
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Ser Ser Tyr Ser Glu Glu Tyr Leu Arg Asn Leu Leu Tyr Arg Lys Lys	
245 250 255	
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Leu Gly Ser Ser Tyr His Thr Ser Lys His Gly Phe Leu Ser Trp Ala	
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aag gtg agg gca ggg gtc acc acg gat gtc tcc tac ctg ctg gcc ggc 1065  
 Lys Val Arg Ala Gly Val Thr Thr Asp Val Ser Tyr Leu Leu Ala Gly  
 325 330 335

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 Phe Gly Ile Val Leu Ser Glu Asp Lys Gln Glu Val Val Glu Leu Val  
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 Lys His His Leu Trp Ala Leu Glu Val Cys Tyr Ile Ser Ala Leu Val  
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ctg gtg cag cag atc atc ttc ttc ctg gga acc acg gcc ctg gcc ttc 1401  
 Leu Val Gln Gln Ile Ile Phe Phe Leu Gly Thr Thr Ala Leu Ala Phe  
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aga gtg ctc ctc tct gcc ctc tac aac gcc atc cac ctt ggc cag atg 1689  
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Tac ACG TAC CGA AAC TTC TTG AAG ATT GAA GTC AGC CAG TCG CAT CCA 1745  
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 Pro Arg Thr Met Ala Ala Pro Gln Asp Ser Leu Arg Pro Gly Glu Glu  
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660 665

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		55	60
Leu Leu Leu Ala Met Leu Val Arg Arg Arg Gln Leu Trp Pro Asp Cys			
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Val Arg Gly Arg Pro Gly Leu Pro Ser Pro Val Asp Phe Leu Ala Gly			
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Asp Arg Pro Arg Ala Val Pro Ala Ala Val Phe Met Val Leu Ser			
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Leu Ala Ser Ala Pro Ser Gln Asp Gly Lys Thr Glu Ala Pro Arg Gly			
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Ala Trp Lys Ile Leu Gly Leu Phe Tyr Tyr Ala Ala Leu Tyr Tyr Pro			
145		150	155
Leu Ala Ala Cys Ala Thr Ala Gly His Thr Ala Ala His Leu Leu Gly			
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Ser Thr Leu Ser Trp Ala His Leu Gly Val Gln Val Trp Gln Arg Ala			
		180	185
Glu Cys Pro Gln Val Pro Lys Ile Tyr Lys Tyr Tyr Ser Leu Leu Ala			
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Ser Leu Pro Leu Leu Leu Gly Leu Gly Phe Leu Ser Leu Trp Tyr Pro			
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Val Gln Leu Val Arg Ser Phe Ser Arg Arg Thr Gly Ala Gly Ser Lys			
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Gly Leu Gln Ser Ser Tyr Ser Glu Glu Tyr Leu Arg Asn Leu Leu Cys			
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Arg Lys Lys Leu Gly Ser Ser Tyr His Thr Ser Lys His Gly Phe Leu			
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Gly Phe His Leu Pro Leu Lys Leu Val Leu Ser Ala Thr Leu Thr Gly			
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Thr Ala Ile Tyr Gln Val Ala Leu Leu Leu Leu Val Gly Val Val Pro			
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		315	320
Leu Ala Cys Ile Gly Ile Val Leu Ser Ala Arg Lys Val Glu Val Val			
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Gln Leu Val Lys His His Leu Trp Ala Leu Gln Val Cys Tyr Ile Ser			
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Ala Leu Val Leu Ser Cys Leu Leu Thr Phe Leu Val Leu Met Arg Ser			
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Leu Val Thr His Arg Thr Asn Leu Arg Ala Leu His Arg Gly Ala Ala			
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gaaaggaag agacaaggaa gggagaggtc aggagagcgc ctgattggag gagaagggc 180  
agaga atg tgg tcc cag cca gca ggg aac cag acc tcc ccc ggg ggc aca 230  
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Glu Asp Tyr Ser Tyr Gly Ser Trp Tyr Ile Asp Glu Pro Gln Gly Gly  
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Glu Glu Leu Gln Pro Glu Gly Glu Val Pro Ser Cys His Thr Ser Ile  
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Pro Pro Gly Leu Tyr His Ala Cys Leu Ala Ser Leu Ser Ile Leu Val  
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65 70 75

tgt gtg cgt ggc agg ccc ggc ctg ccc agg ccc cgg gca gtg cct gct 470  
Cys Val Arg Gly Arg Pro Gly Leu Pro Arg Pro Arg Ala Val Pro Ala  
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gct gtt ttc atg gtc ctc ctg agc tcc ctg tgt ttg ctg ctc ccc gac 518  
Ala Val Phe Met Val Leu Leu Ser Ser Leu Cys Leu Leu Leu Pro Asp  
100 105 110

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Glu Asp Ala Leu Pro Phe Leu Thr Leu Ala Ser Ala Pro Ser Gln Asp  
115 120 125

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Tyr Tyr Ala Ala Leu Tyr Tyr Pro Leu Ala Ala Cys Ala Thr Ala Gly  
145 150 155

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Asp Asn Val Cca Gac Ctg Ctg Ggt Agt Aat Ctg Tcc Tgg Gtt Gac Gtt  
160 165 170 175 180

Tyr Lys Tyr Tyr Ser Leu Leu Ala Ser Leu Pro Leu Leu Leu Gly Leu  
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Gly Phe Leu Ser Leu Trp Tyr Pro Val Gln Leu Val Arg Ser Phe Ser  
210 215 220

cgt agg aca gga gaa ggc tcc aag ggg ctg cag agc agc tac cct gag 902  
Arg Arg Thr Gly Ala Gly Ser Lys Gly Leu Gln Ser Ser Tyr Ser Glu  
225 230 235

gaa tat ctg agg aac ctc ctt tgc agg aag aag ctg gga agc agc tac 980  
Glu Tyr Leu Arg Asn Leu Leu Cys Arg Lys Lys Leu Gly Ser Ser Tyr  
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cac acc tcc aag cat ggc ttc ctg tcc tgg gcc cgc gtc tgc ttg aga 998  
His Thr Ser Lys His Gly Phe Leu Ser Trp Ala Arg Val Cys Leu Arg  
260 265 270

cac tgc atc tac act cca cag cca gga ttc cat ctc ccg ctg aag ctg 1046  
His Cys Ile Tyr Thr Pro Gln Pro Gly Phe His Leu Pro Leu Lys Leu  
275 280 285

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290 295 300

ctg ctg ctg gtg ggc gtg gta ccc act atc cag aag gtg agg gca ggg 1142  
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305 310 315

gtc acc acg gat gtc tcc tac ctg ctg gcc ggc ttt gga atc gtg ctc 1190  
Val Thr Thr Asp Val Ser Tyr Leu Leu Ala Gly Phe Gly Ile Val Leu  
320 325 330 335

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Ser Glu Asp Lys Gln Glu Val Val Glu Leu Val Lys His His Leu Trp  
340 345 350

ctc ttc ggc gac gtc atg ggc tca ctg gtg aca cac agc agc aac ctt 1284  
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420

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 Thr Asn Arg Arg Val Leu Tyr Ala Ala Thr Phe Leu Leu Phe Pro Leu  
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 Asn Val Leu Val Gly Ala Ile Val Ala Thr Trp Arg Val Leu Leu Ser  
 515 520 525

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 580 585 590 595 600 605 610 615 620

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 Ala Pro Gln Asp Ser Leu Arg Pro Gly Glu Glu Asp Glu Gly Met Gln  
 625 630 635 640 645 650 655 660 665

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 670 675 680 685 690 695 700 705 710

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 Lys Ser Leu Leu Leu Leu Gln Ala Val Ser Leu Leu Leu Leu Leu Leu Leu  
 715 720 725 730 735 740 745 750 755

gac caa ttt gagggcaggg aaggtcaacc caactgccca tctgtgttja  
Ala Gln Pro

2221

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0210 - E

0211 - 65b

0212 - PRT

0213 - Homo sapiens

0400 - E

Met	Ser	Ser	Gln	Pro	Ala	Gly	Asn	Gln	Thr	Ser	Pro	Gly	Ala	Thr	Glu
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Glu	Leu	Gln	Pro	Glu	Gly	Glu	Val	Pro	Ser	Cys	His	Thr	Ser	Ile	Pro
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Pro	Gly	Leu	Tyr	His	Ala	Cys	Leu	Ala	Ser	Leu	Ser	Ile	Leu	Val	Leu
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Leu	Leu	Leu	Ala	Met	Leu	Val	Arg	Arg	Arg	Gln	Leu	Trp	Pro	Asp	Cys
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Val	Arg	Gly	Arg	Pro	Gly	Leu	Pro	Arg	Pro	Arg	Ala	Val	Pro	Ala	Ala
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Val	Phe	Met	Val	Leu	Leu	Ser	Ser	Leu	Cys	Leu	Leu	Leu	Pro	Asp	Glu
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Asp	Ala	Leu	Ile	Phe	Leu	Thr	Leu	Ala	Ser	Ala	Pro	Ser	Gln	Asp	Gly
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Lys	Thr	Gln	Ala	Phe	Arg	Gly	Ala	Trp	Lys	Ile	Leu	Gly	Leu	Ile	Tyr
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Tyr	Ala	Ala	Leu	Tyr	Tyr	Ile	Leu	Ala	Ala	Cys	Ala	Thr	Ala	Gly	His
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Thr	Ala	Ala	His	Leu	Leu	Gly	Ser	Thr	Leu	Ser	Trp	Ala	His	Leu	Gly
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Val	Gln	Val	Trp	Gln	Arg	Ala	Glu	Cys	Pro	Gln	Val	Pro	Lys	Ile	Tyr
	180							185					190		
Lys	Tyr	Tyr	Ser	Leu	Leu	Ala	Ser	Leu	Pro	Leu	Leu	Leu	Gly	Leu	Gly
	195							200					205		
Ile	Leu	Ser	Leu	Ile	Tyr	Ile	Val	Gln	Leu	Val	Arg	Ser	Ile	Ser	Arg

0400 - E

0400 - E

278	280	285
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Thr Thr Asp Val Ser Tyr Leu Leu Ala Gly Phe Gly Ile Val Leu Ser		
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Glu Asp Lys Gln Glu Val Val Glu Leu Val Lys His His Leu Trp Ala		
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Leu Glu Val Lys Tyr Ile Ser Ala Leu Val Leu Ser Cys Leu Leu Thr		
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Phe Leu Val Leu Met Arg Ser Leu Val Thr His Arg Thr Asn Leu Arg		
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Ala Leu His Arg Gly Ala Ala Leu Asp Leu Ser Pro Leu His Arg Ser		
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Pro His Pro Ser Arg Gln Ala Ile Phe Cys Trp Met Ser Phe Ser Ala		
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Tyr Gln Thr Ala Phe Ile Cys Leu Gly Leu Leu Val Gln Gln Ile Ile		
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Phe Phe Leu Gly Thr Thr Ala Leu Ala Phe Leu Val Leu Met Pro Val		
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Leu His Gly Arg Asn Leu Leu Leu Phe Arg Ser Leu Glu Ser Ser Trp		
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Pro Phe Trp Leu Thr Leu Ala Leu Ala Val Ile Leu Gln Asn Met Ala		
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Ala His Trp Val Phe Leu Glu Thr His Asp Gly His Pro Gln Leu Thr		
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Asn Arg Arg Val Leu Tyr Ala Ala Thr Phe Leu Leu Phe Pro Leu Asn		
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Val Leu Val Gly Ala Ile Val Ala Thr Trp Arg Val Leu Leu Ser Ala		
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Pro Arg Ala Ala Thr Leu Asp Pro Gly Tyr Tyr Thr Tyr Arg Asn Phe		
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Ser Leu Leu Leu Gln Ala Gln Ser Leu Leu Pro Arg Thr Met Ala Ala		
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Pro His Asp Ser Leu Arg Phe Gly His His Asp His Gly Met Gln Leu		
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His Phe